

# MATERIAL SAFETY DATA SHEET

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**STATION OENOTECHNIQUE DE CHAMPAGNE**  
**MARTIN VIALATTE**

79, Av. Thévenet - BP 1031 – MAGENTA

51319 EPERNAY CEDEX

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N°2 Version of 10/11/00

Specification rules conforming  
to the norm NF ISO 11014.1

## 1 - Identification

Commercial designation : **VITANIL AS - VR**

Supplier : Society MARTIN VIALATTE - 79 AV. A.A Thévenet - BP 1031 - 51319 MAGENTA

Tel. 00 33 (0)3 26 51 56 45 - Fax 00 33 (0)3 26 51 87 60

Emergency number : ORFILA 00 33 (0)1 45 42 59 59 FRANCE

## 2 - Composition

Association of natural tannin extracts or association of pyrogallol and pyrocatechic tannins

## 3 - Hazards Information

The product is stable under the normal conditions of use. The product is astringent, tastes bitter.

At high temperature, the product can release SO<sub>2</sub> - SO<sub>3</sub>.

Can cause breathing difficulties by powder inhalation and generate gastric and intestinal disorders if ingested in high quantity.

## 4 - First aid measures

Skin contact : Wash with water.

Eye contact : Flush with water.

Ingestion : Give the patient a lot of water to drink and provoke vomiting if the patient is conscious.

Inhalation : Clean the mucous membranes. Seek medical help if the irritation persists

## 5 - Fire fighting measures

Any fire extinguisher can be used. In case of fire the product can generate an irritant and acrid smoke notably SO<sub>2</sub>, SO<sub>3</sub> pyrogallol.

The intervening parties are advised to wear a smoke mask.

**Product name : VITANIL AS - VR**

## 6 – Accidental release measures

- Environment protection : Shovel the product up, wash the residues with water.
- Cleaning method : Sweep the powder up and put it in a bucket. Eliminate the residue by mixing it with sawdust. Tip according to the local regulation or incinerate.
- Product neutralisation : In aqueous solution, the product forms a precipitate with metallic salts notably with alumina sulphate.

## 7 – Handling and storage

- Handling : No special measure. Wear a mask to avoid inhaling dust or the absorption by inhalation.
- Storage : Store in a dry and air proof place. The product is slightly hygroscopic.

## 8 – Personal protection

- As for any powder handling, to wear a protective mask is imperative.
- The use of goggles, gloves and protective clothing is recommended.

## 9 – Physical and chemical properties

- Appearance : Brown powder
- Odour : Characteristic
- pH (aqueous solution 10%) :  $7 \pm 1$
- Solubility : Soluble
- Auto flammability temperature :  $> 500^{\circ}\text{C}$
- Decomposition temperature :  $> 250^{\circ}\text{C}$
- Apparent specific weight :  $0,45 \text{ g/cm}^3 \pm 0,05$

## 10 – Stability and reactivity

- The product is stable under normal conditions of use. The product forms a precipitate with metallic salts notably with iron salts and gelatine. The product is oxidisable on contact with air.
- At high temperature, the decomposition gives  $\text{SO}_2$ ,  $\text{SO}_3$  pyrogallol.

## 11 – Toxicological information

- We currently do not have information on toxicological values.
- Analysis on similar tannin extract was:
- LD 50 oral on rat : 3100 mg/kg
- LD 50 skin rat : 7000 mg/kg
- No harmful effect, no sensitisation have been reported.
- As all powdery products, powder can induce difficulty in breathing by inhalation.

**Product name : VITANIL AS - VR**

## 12 – Ecological information

Natural product of high molecular weight, biodegradability is slow.  
The product is very sensitive to metallic salts and is eliminated in residual water in the form of mud by alumina sulphate treatment.

## 13 – Disposal procedures

Follow the local legislation for tipping.  
The product is eliminated from the aqueous solution by precipitation in the form of mud by alumina sulphate (tannate alumina formation)  
Residues and packaging elimination by incineration.  
The chemical demand in oxygen is high so the product must be copiously diluted before being thrown back to the sewer.

## 14 – Transport information

The product is not regulated.

## 15 – Regulatory information

CEE instructions : 76-464, 78-318, 80-68, 91-156

CEE instructions : 93-18 du 05/04/93

French government publication of 28/03/93, by law of 01/10/93 in relation to water sampling and consumption as well as to all residues of classified installations for environment protection subject to authorisation and especially,

Chapter VI	Art.60	Water pollution
Chapter VII	Art. 61	Environment report
Chapter VIII	Art. 63/64/65	Observation of effects on environment

## 16 – Other information

“ This sheet completes the technical utilisation manual but does not replace it. The information contained within is based on the level of our knowledge relative to the product at the date indicated. It is given in good faith. The attention of the users is above all drawn to the eventual risks taken for the products usage in situations other than that for which it was conceived.

In no situation should the user disregard the precautions outlined for the products use. The user assumes the sole responsibility for following the precautions listed in regards to their utilisation of the product ”.